

dm_200392_TsepC_std#587 RT: 20.55 AV: 1 NL: 1.05E7
 T: + c d Full ms 2 388.37@40.00 [95.00-790.00]

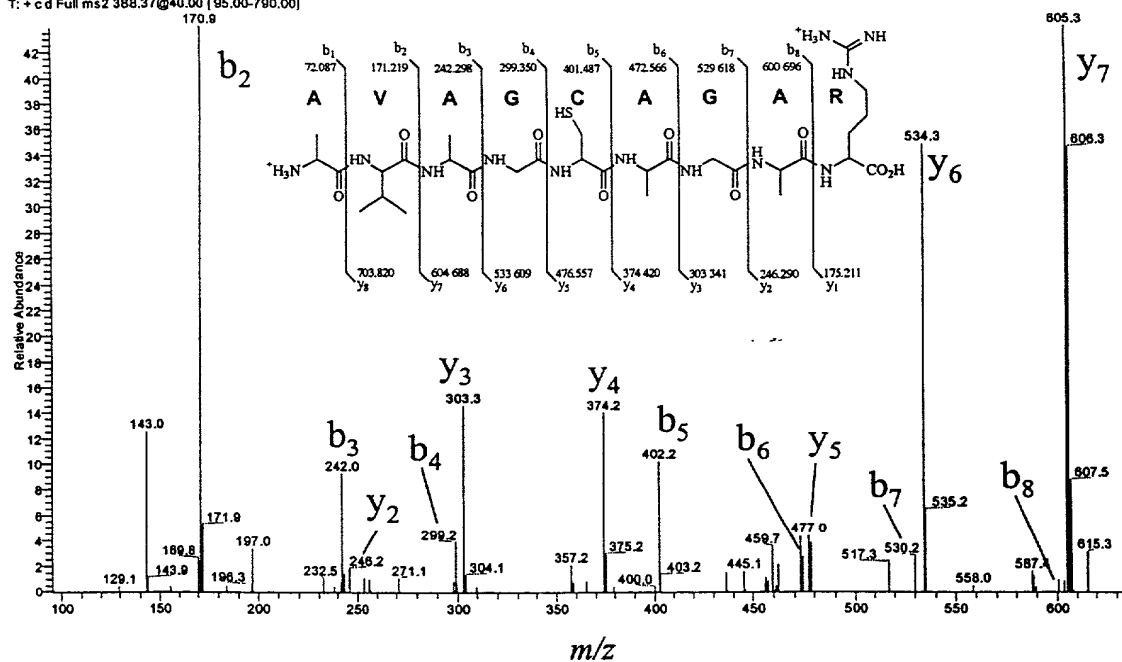


FIG. 1

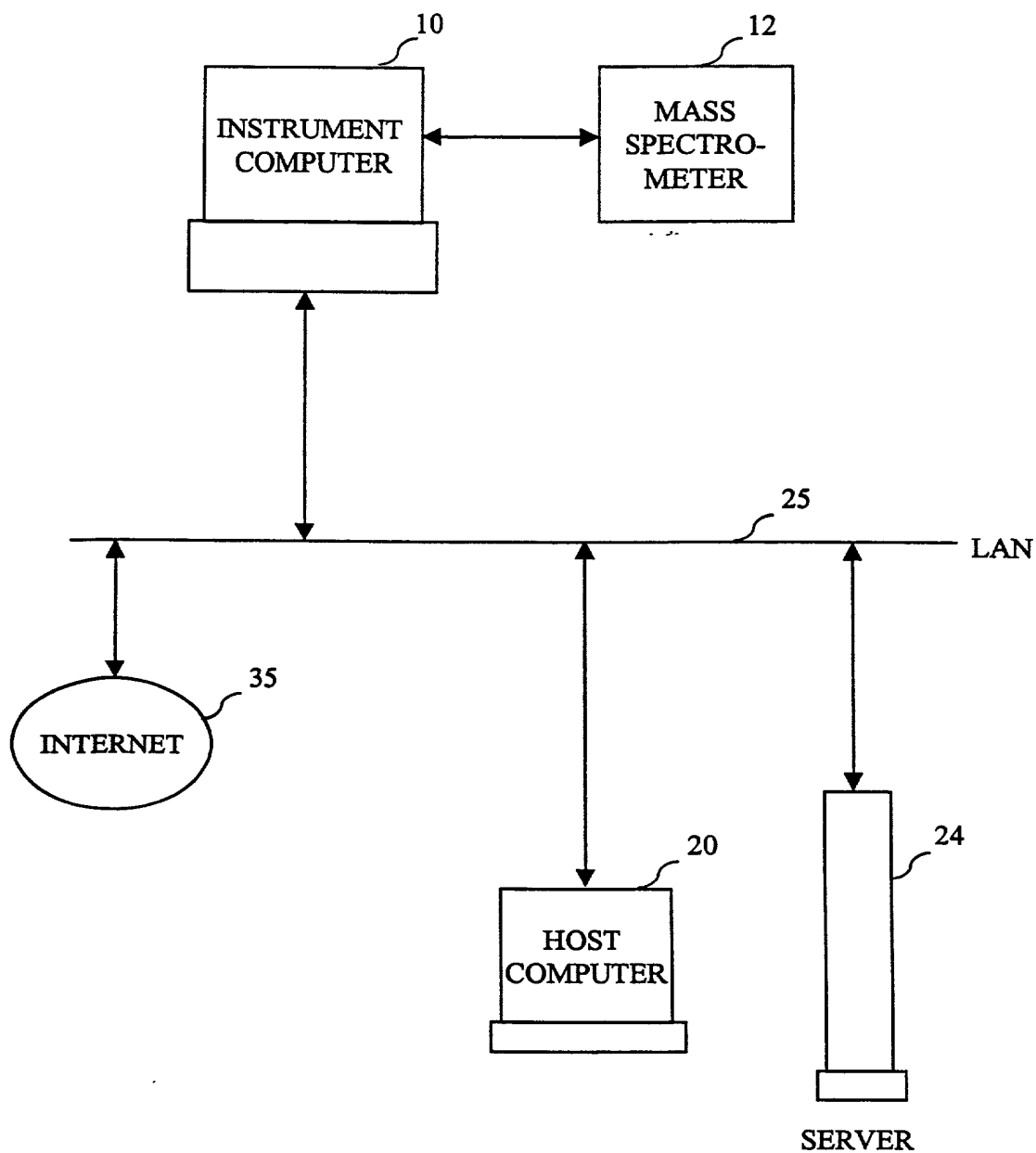


FIG. 2

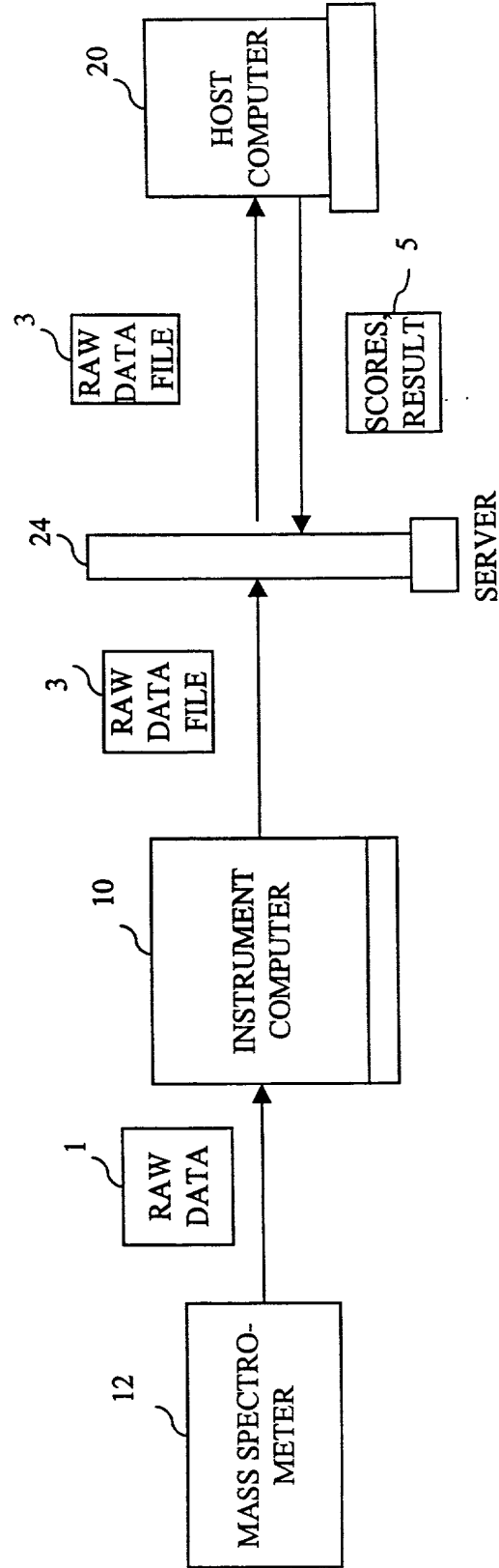


FIG. 3

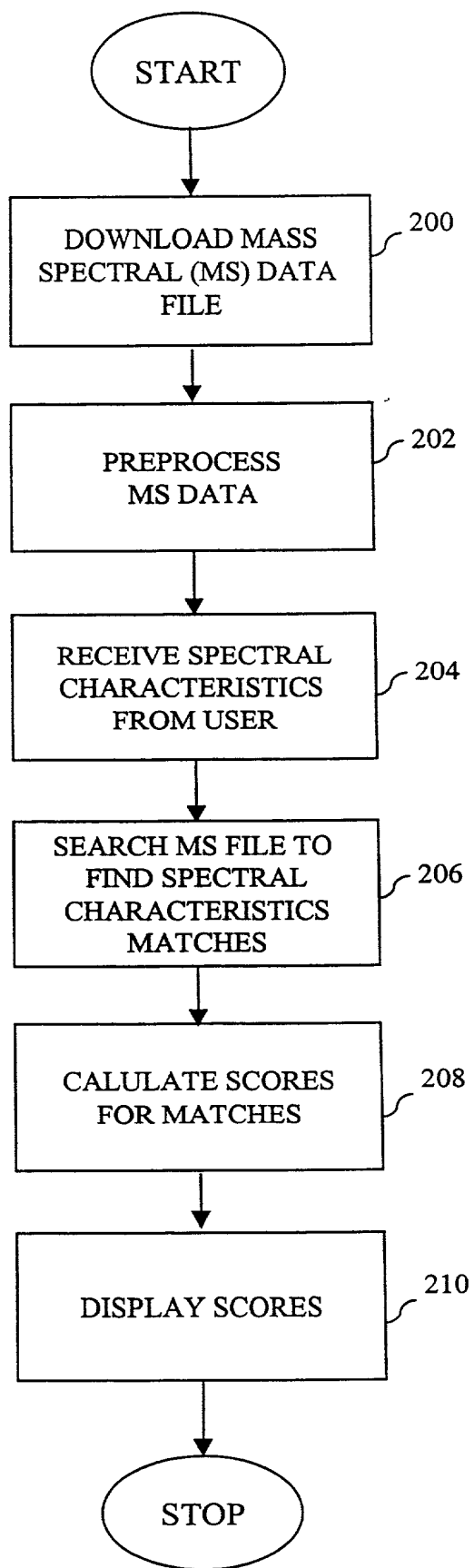


FIG. 4

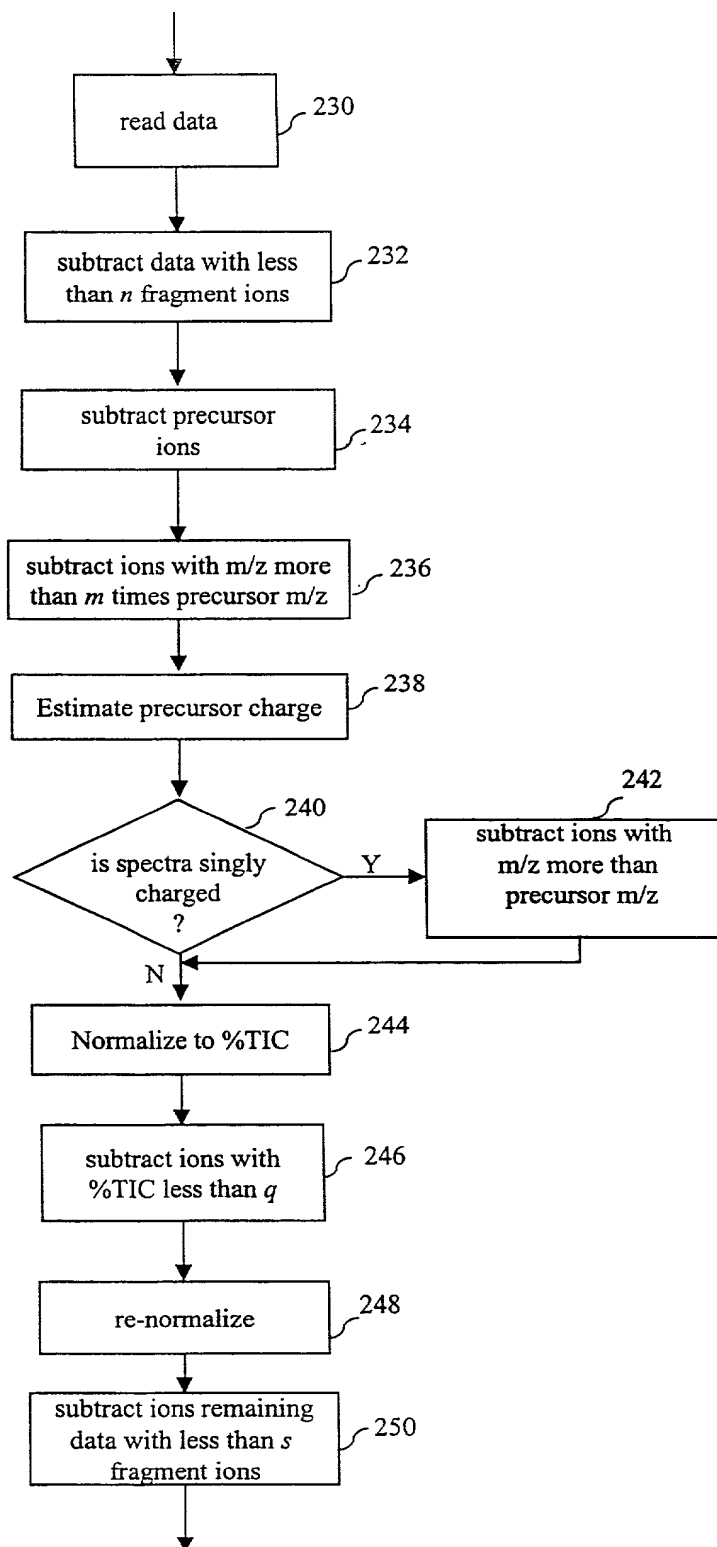


FIG. 5

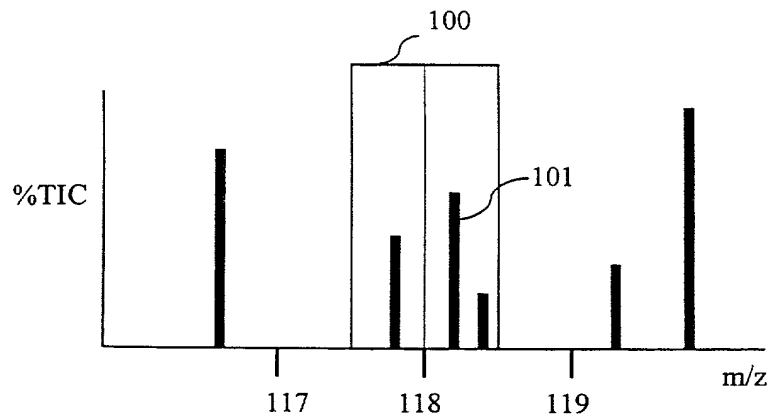


FIG. 6A

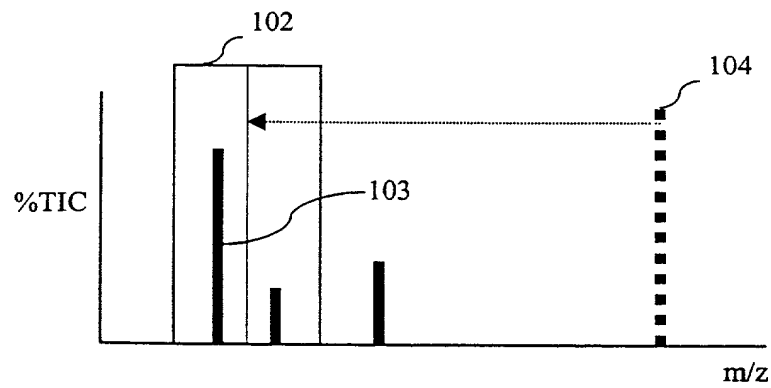


FIG. 6B

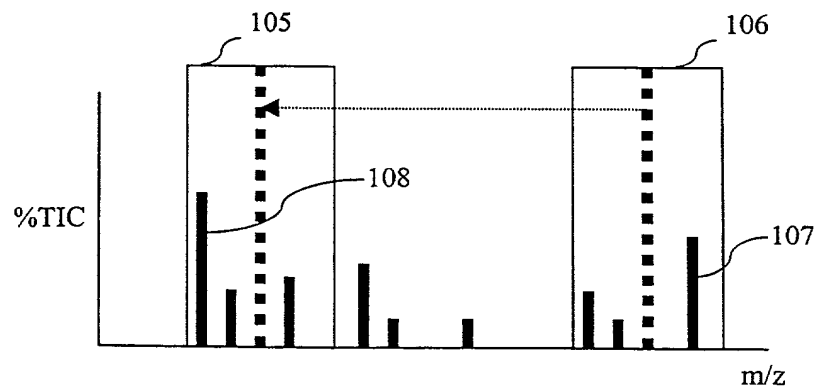


FIG. 6C

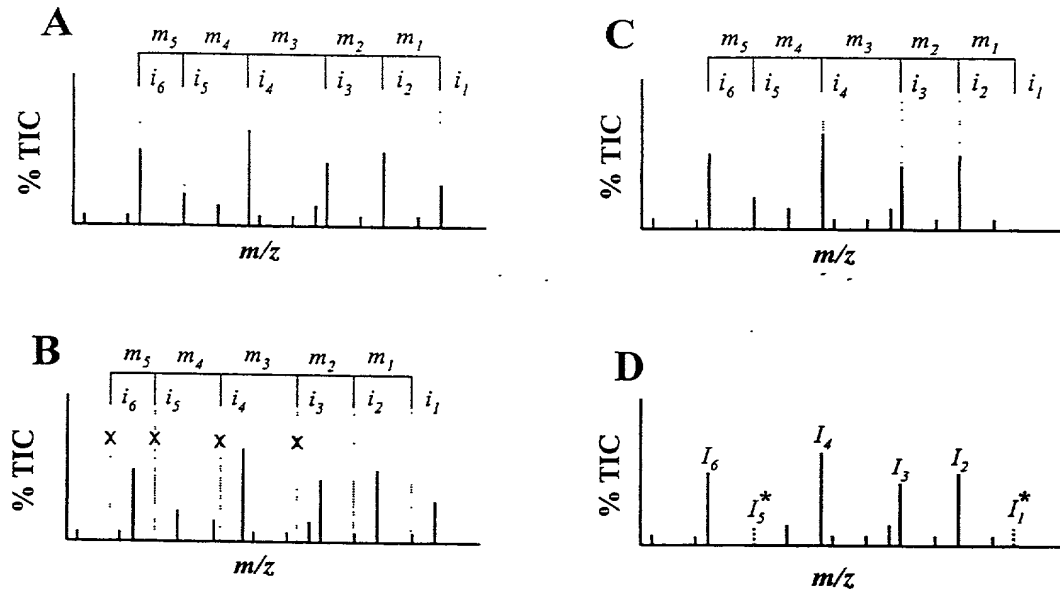


Fig. 6D

FIG. 6E

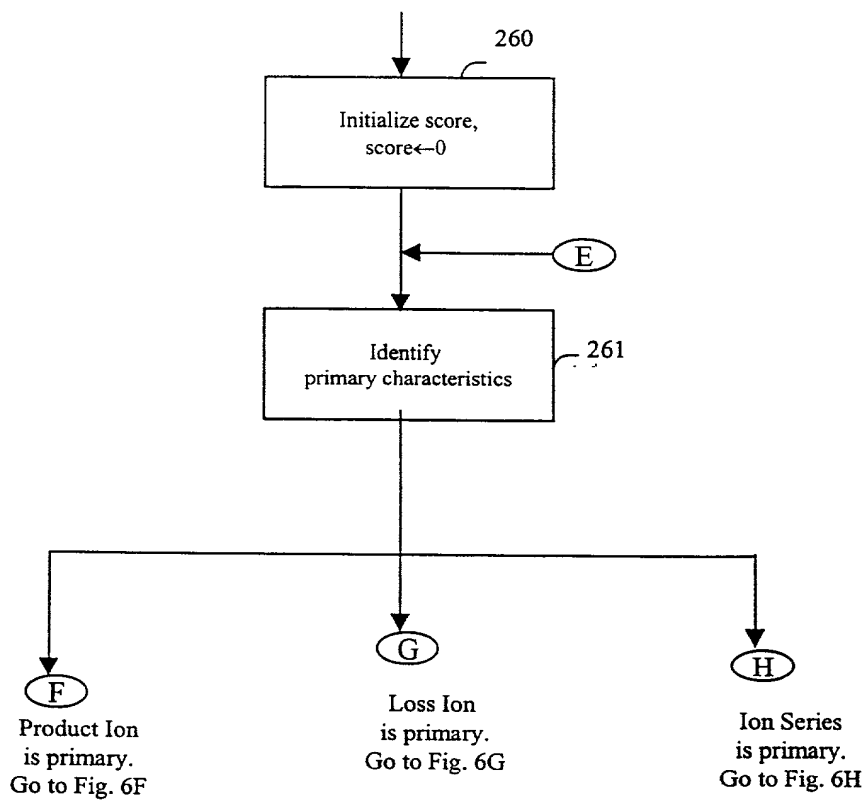


FIG. 6F

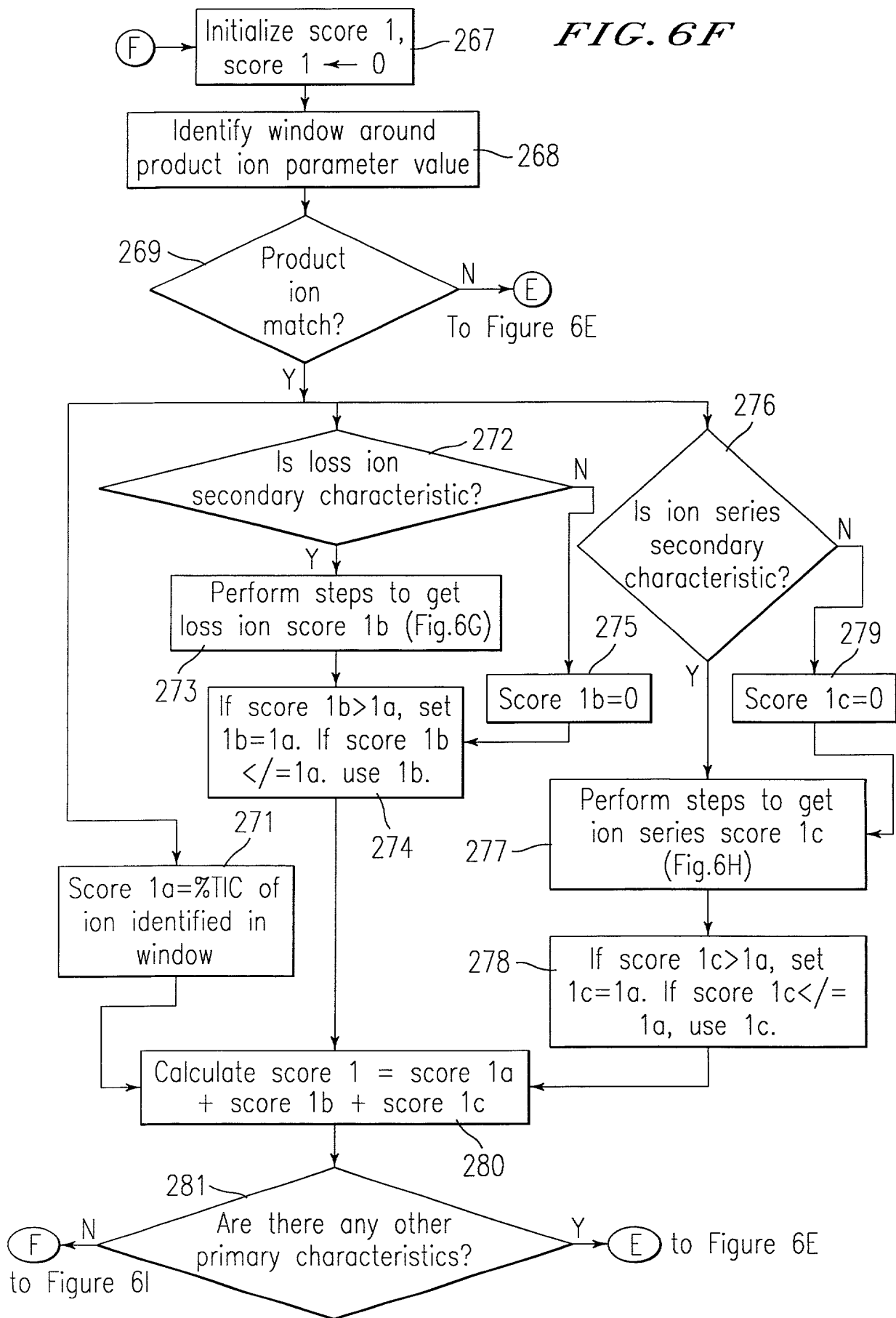
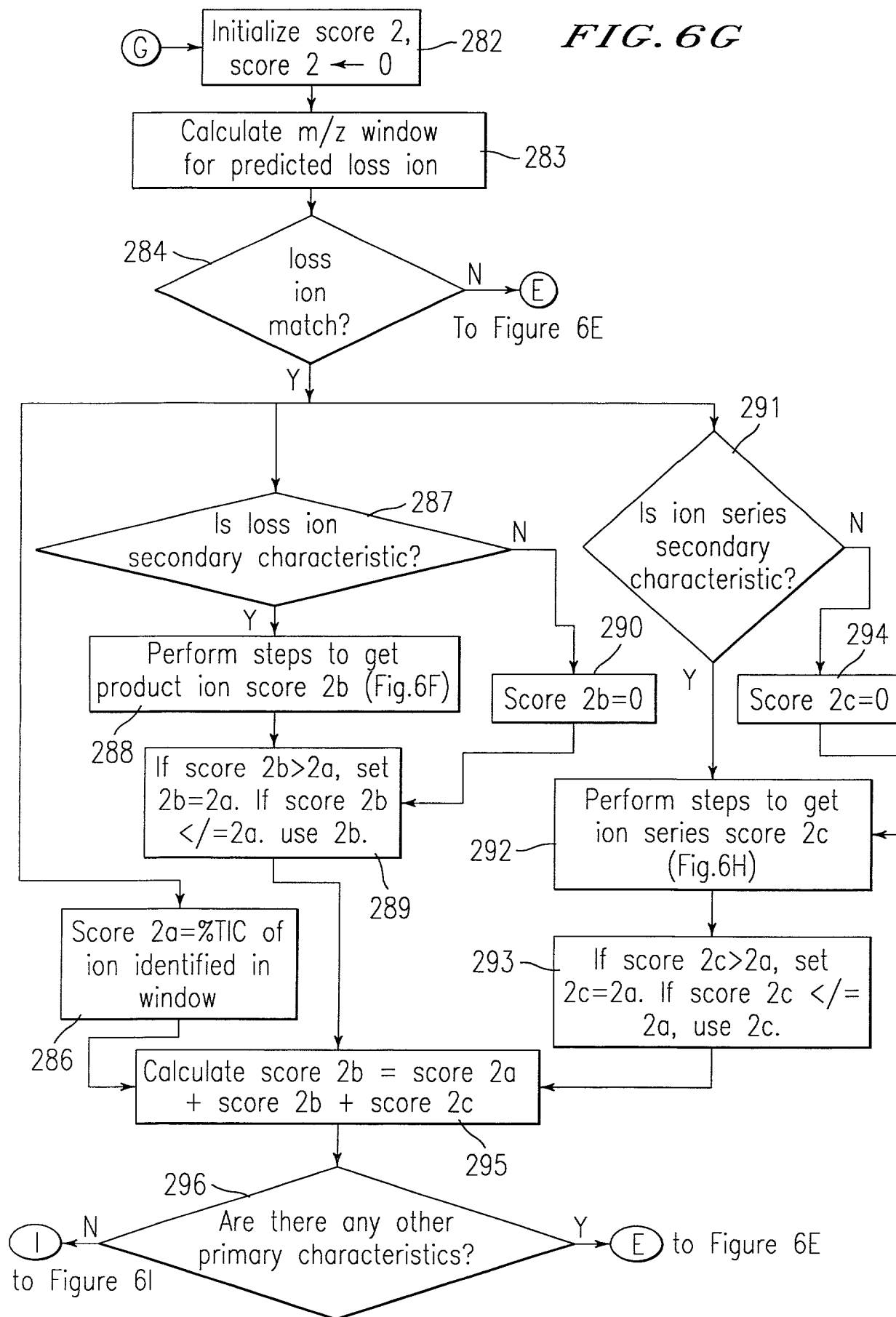


FIG. 6G



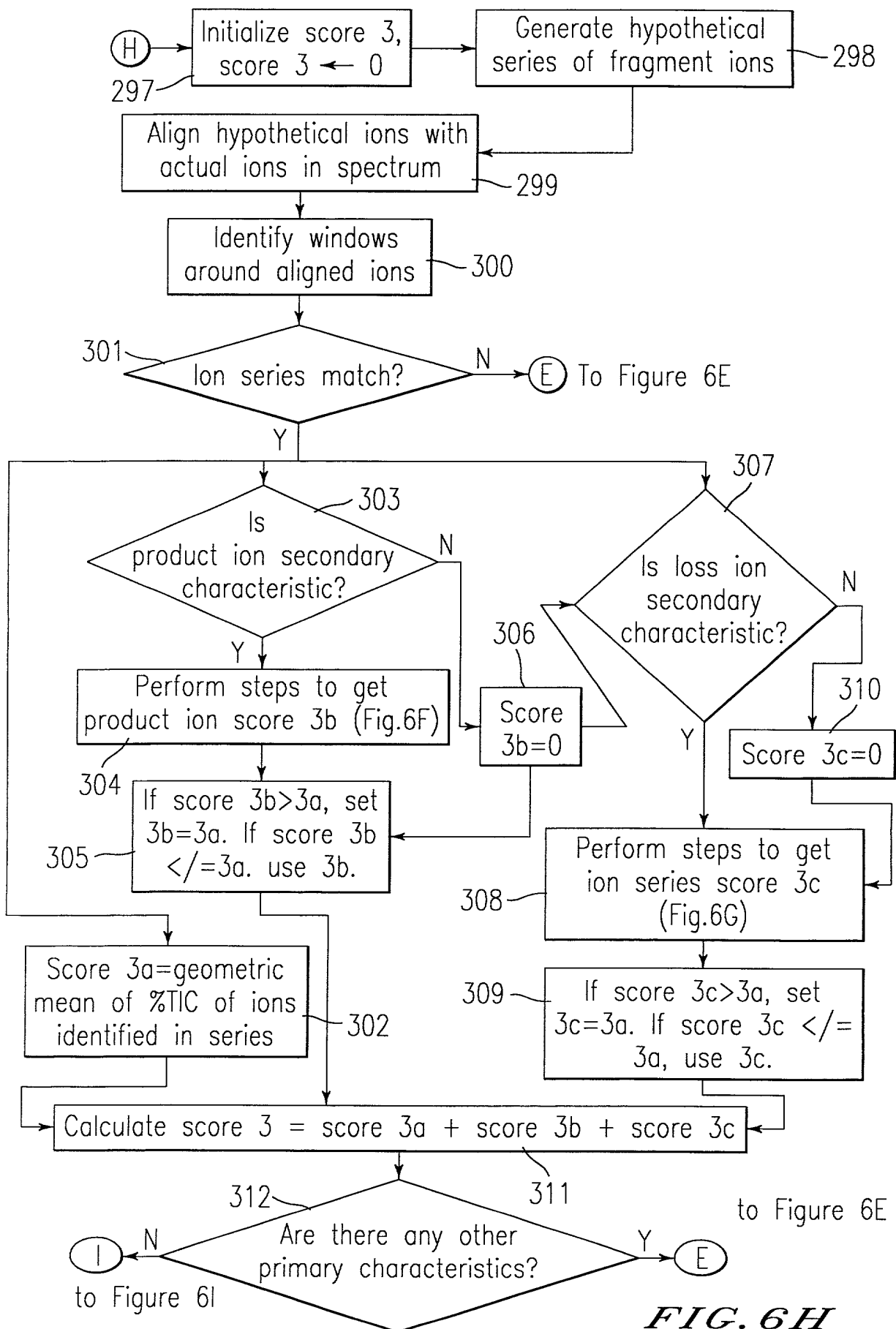


FIG. 6H

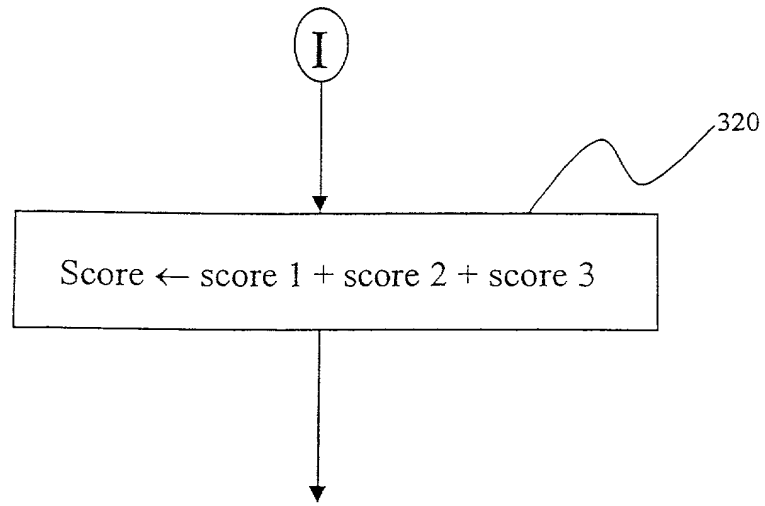


Fig. 6I

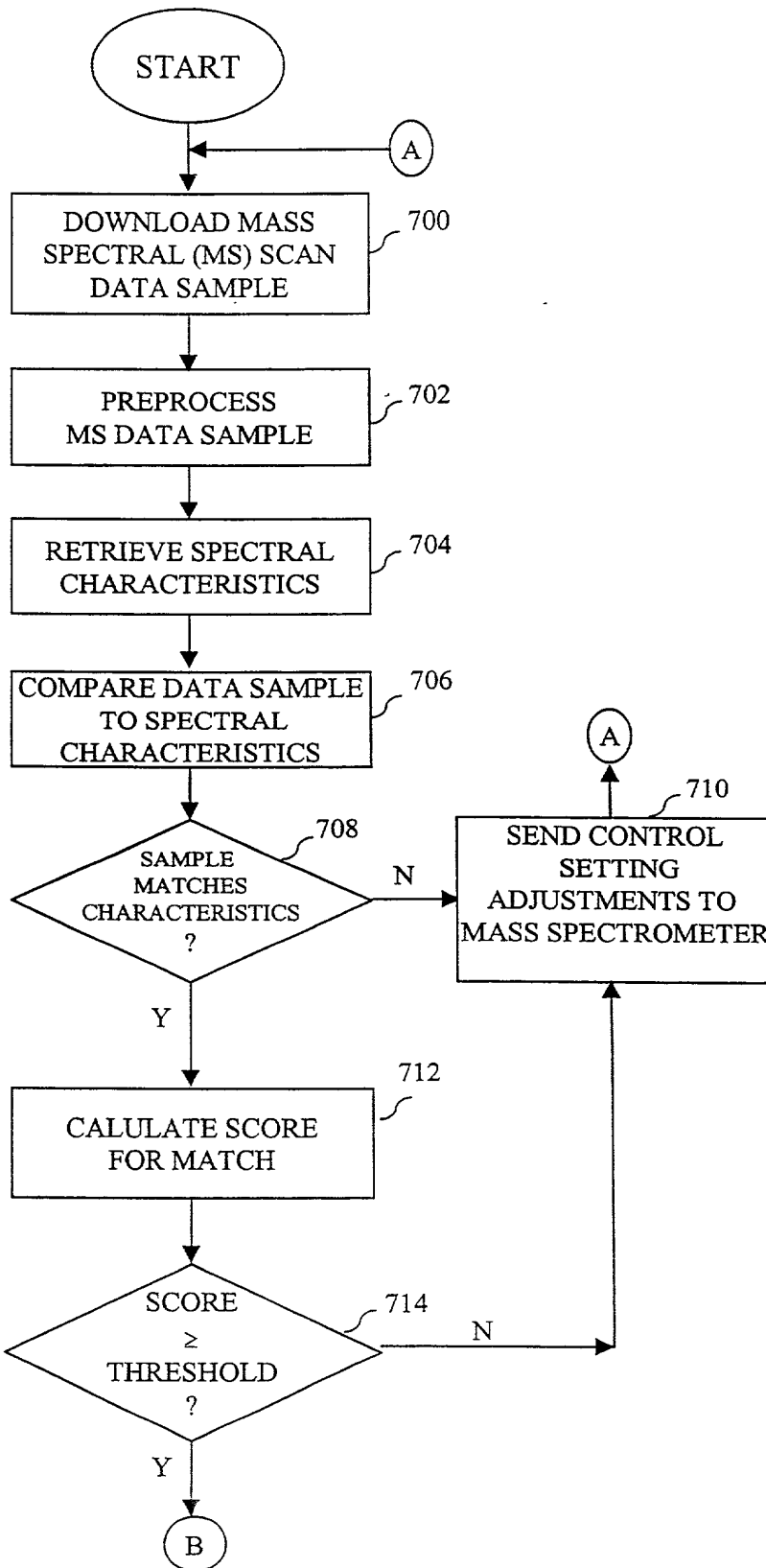


FIG. 7A

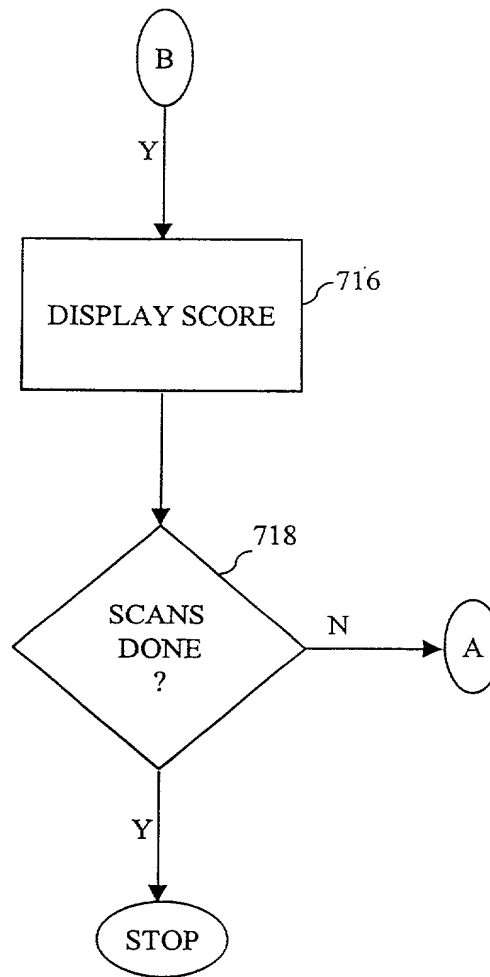


FIG. 7B

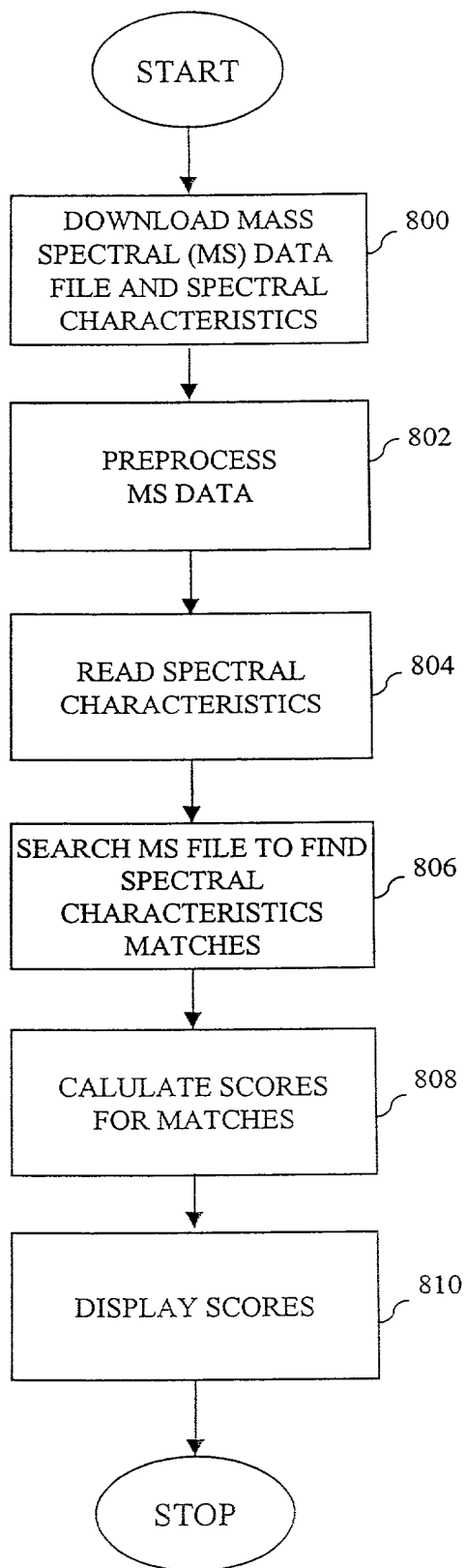


FIG. 8

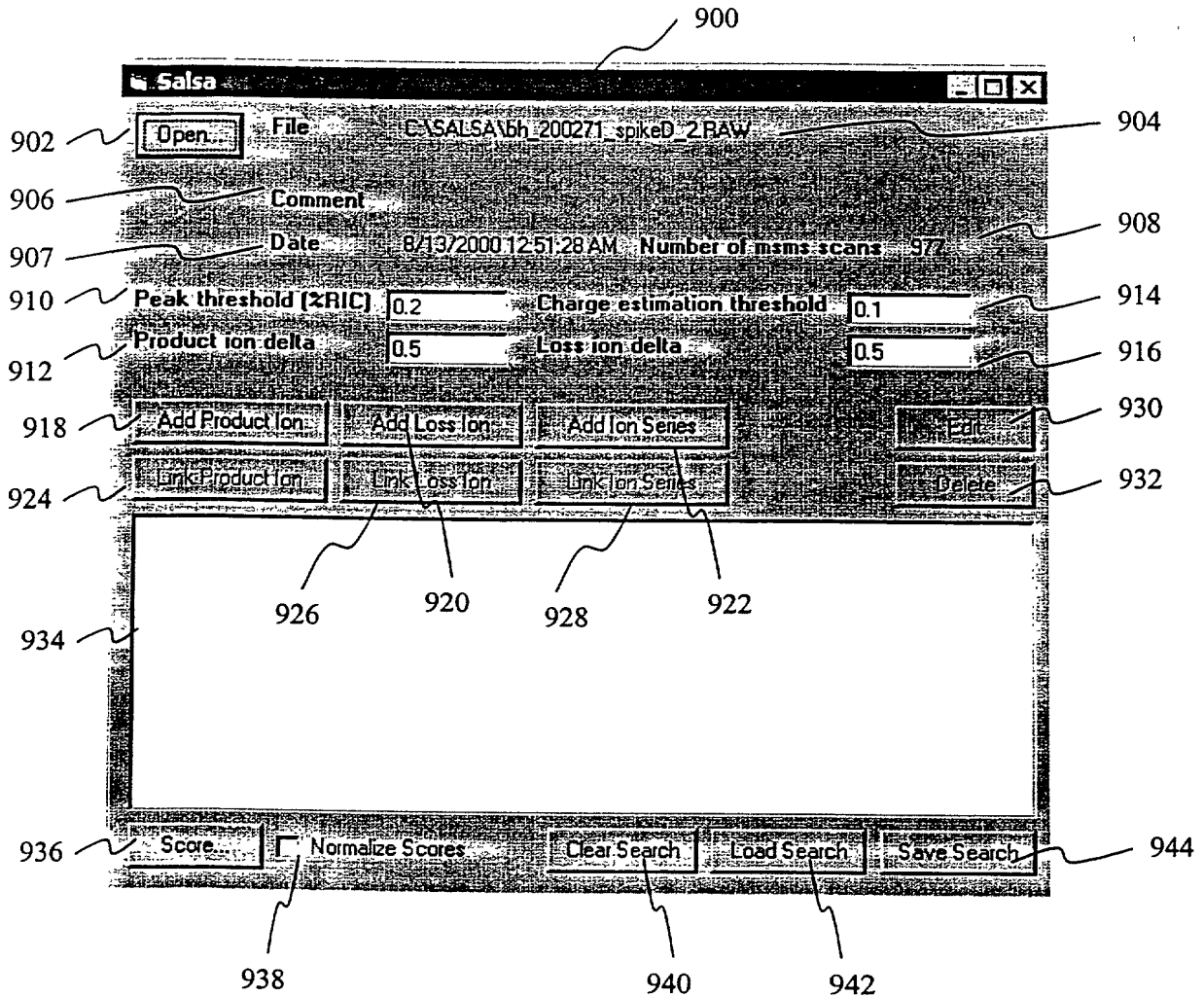


FIG. 9

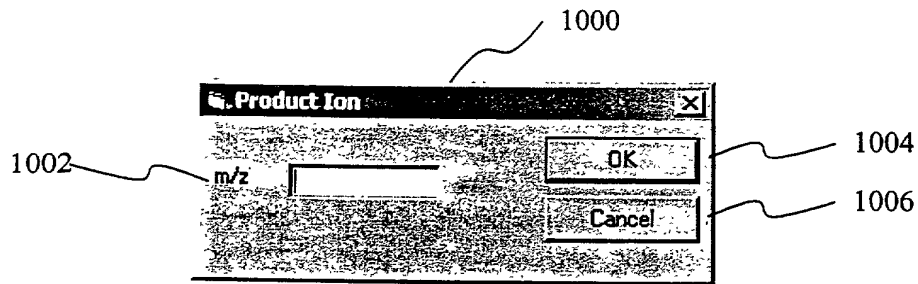


FIG. 10

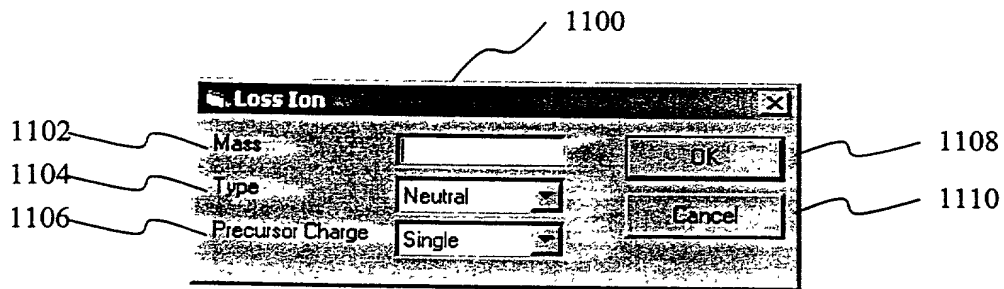


FIG. 11

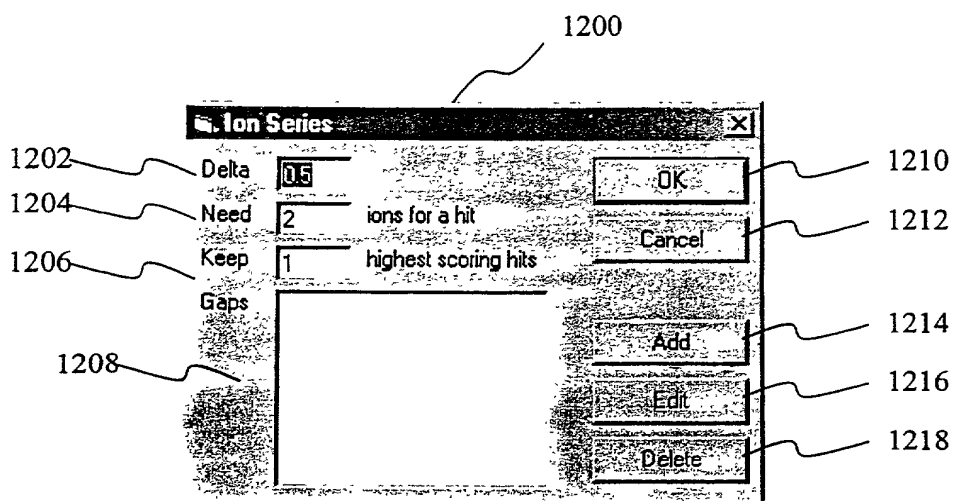


FIG. 12

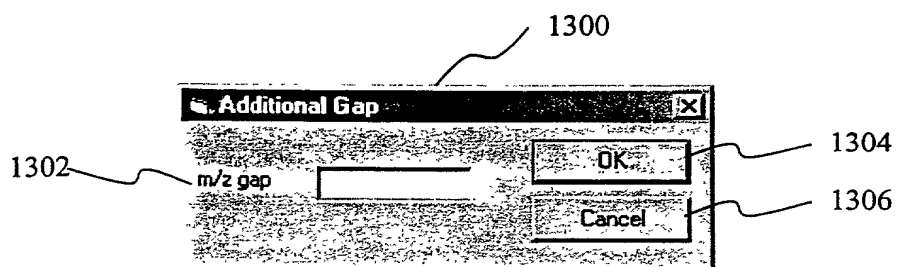


FIG. 13

1400

1402

Results					
All Ions					Graph
Score	Precursor m/z	Z Est. Ratio	R.T. (min.)	Scan #'s	Ion
026.28	0778.48	0.00	39.57-39.62	1237-1239	Loss Ion: 661.42, loss = 117
025.70	0778.42	0.01	38.36-38.42	1197-1199	Loss Ion: 661.41, loss = 117
023.42	0778.56	0.04	40.86-40.94	1277-1279	Loss Ion: 661.42, loss = 117
006.17	0796.55	0.46	82.11-82.19	2553-2555	Loss Ion: 738.28, loss = 117
002.58	0780.46	0.00	38.47-38.53	1201-1203	Loss Ion: 663.40, loss = 117
002.34	0427.04	0.01	24.32-24.39	0744-0746	Loss Ion: 310.04, loss = 117
002.19	0492.72	0.49	47.71-47.76	1501-1503	Loss Ion: 433.77, loss = 117
002.08	0822.90	0.15	130.48-130.55	3965-3967	Loss Ion: 764.79, loss = 117
001.98	0696.97	0.55	79.40-79.46	2473-2475	Loss Ion: 638.08, loss = 117
001.71	0882.98	0.34	145.96-146.04	4398-4400	Loss Ion: 824.08, loss = 117
001.59	0658.19	0.49	51.52-51.57	1625-1627	Loss Ion: 599.28, loss = 117
001.24	0539.54	0.52	13.12-13.19	0407-0409	Loss Ion: 481.26, loss = 117
001.23	0862.93	0.63	117.06-117.12	3569-3571	Loss Ion: 804.14, loss = 117
001.15	0931.25	0.54	116.16-116.23	3541-3543	Loss Ion: 872.51, loss = 117
001.12	0696.64	0.59	49.15-49.21	1549-1551	Loss Ion: 638.39, loss = 117
001.12	1034.32	0.53	79.24-79.33	2469-2471	Loss Ion: 975.38, loss = 117
001.10	0831.20	0.48	37.21-37.28	1157-1159	Loss Ion: 772.43, loss = 117

1404 1406 1407 1408 1410 1412

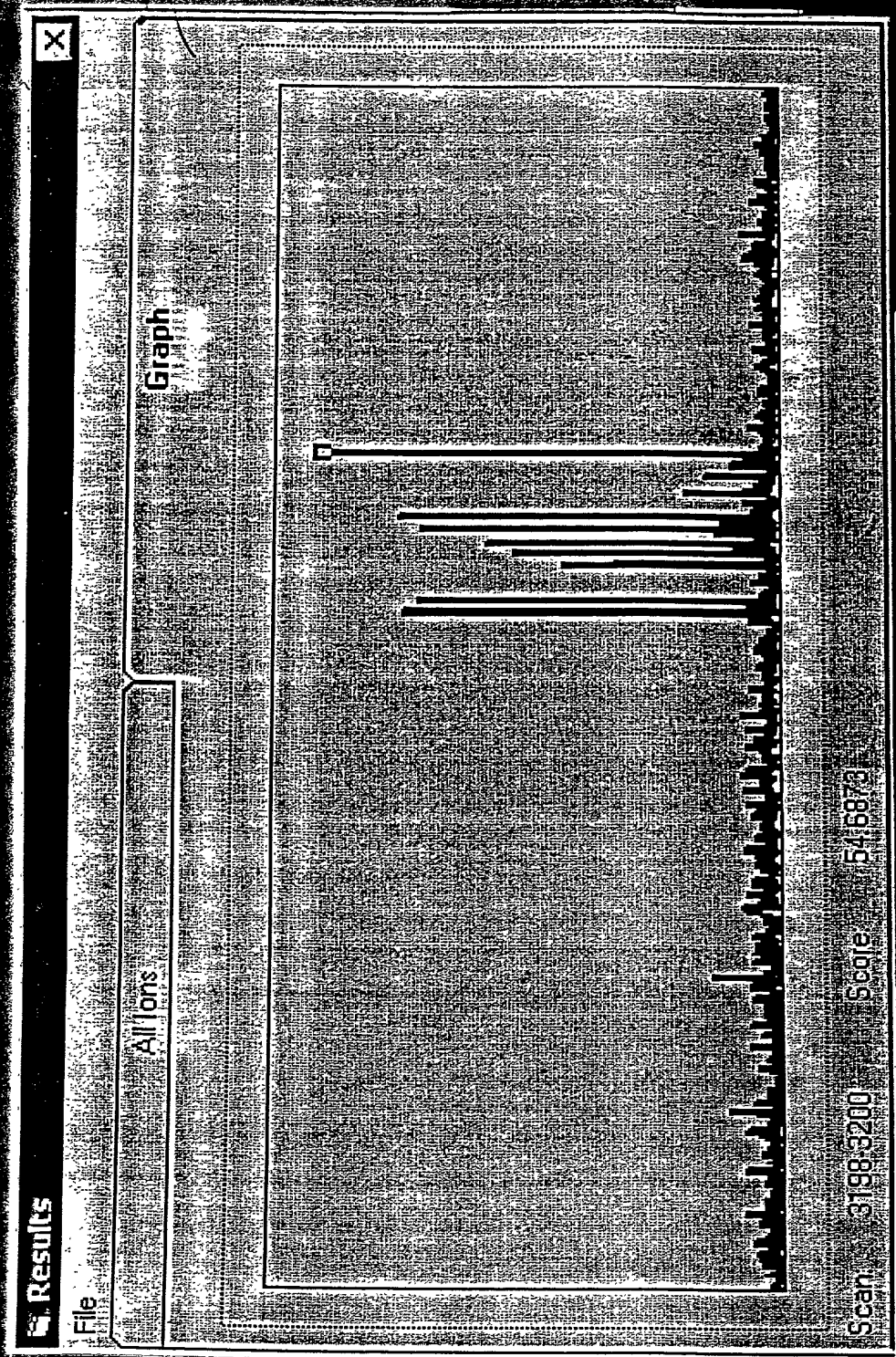
FIG. 14

-140-

-141+

FIGURE 15

Figure 15



900

Salsa [] [x]

Open... File C:\SALSA\bh_200271_spikeD_2.RAW

Comment

Date 8/13/2000 12:51:28 AM Number of msms scans 977

Peak threshold (ΣRIC) 0.2 Charge estimation threshold 0.1

Product ion delta 0.5 Loss ion delta 0.5

Add Product Ion Add Loss Ion Add Ion Series Edit

Link Product Ion Link Loss Ion Link Ion Series Delete

Loss Ion: 117 Type = Neutral PrecursorZ = Either

Score... ☒ Normalize Scores Clear Search Load Search Save Search

934

FIG. 16

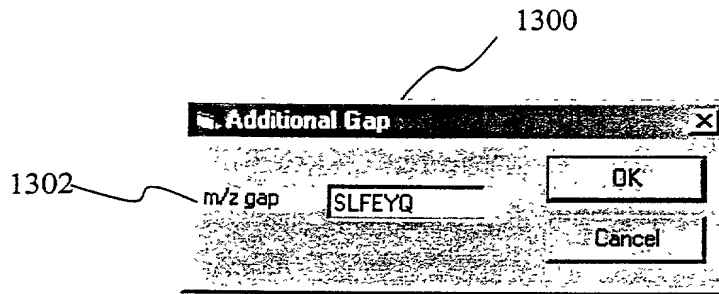


FIG. 17

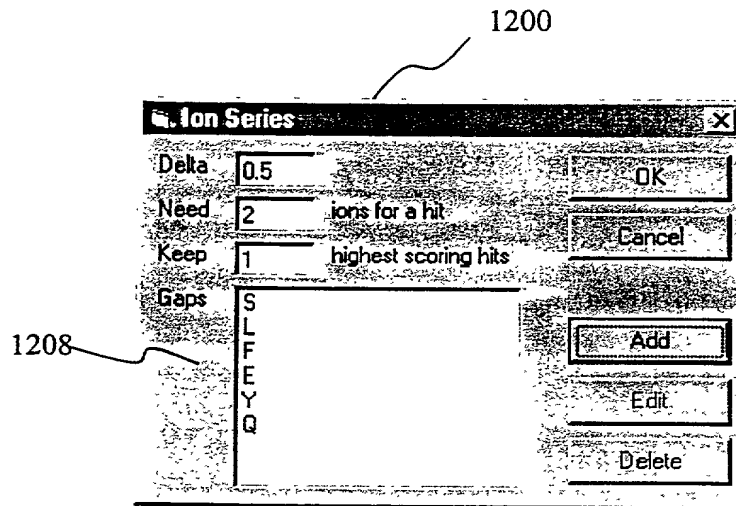


FIG. 18

900

Salsa [] [X]

Open... File C:\Laura\jb_200396_F_1_T.RAW

Comment

Date 11/9/2000 12:48:47 AM Number of msms scans 903

Peak threshold (2*RIC) [0.2] Charge estimation threshold [0.1]

Product ion delta [1] Loss ion delta [1]

Add Product Ion	Add Loss Ion	Add Ion Series	Edit
Link Product Ion	Link Loss Ion	Link Ion Series	Delete

Ion Series: Overlap = 0.5, MinIons = 2, NumHits = 1, Gaps: S, L, F, E, Y, Q

Score... ☐ Normalize Scores Clear Search Load Search Save Search

934

FIG. 19

900

Salsa [File] [Edit] [View] [Tools] [Help]

Open... File P:\Lieber Workgroup\Laura\lb_200396_F_1_T.RAW

Comment

Date 11/9/2000 12:48:47 AM Number of msms scans 903

Peak threshold (%RIC) 0.2 Charge estimation threshold 0.1

Product ion delta 1 Loss ion delta 1

Add Product Ion	Add Loss Ion	Add Ion Series	Edit
Link Product Ion	Link Loss Ion	Link Ion Series	Delete

☒ Ion Series: Overlap = 0.5, MinIons = 2, NumHits = 1, Gaps: S, L, F, E, Y, Q

- Product Ion: 147.197
- Product Ion: 275.328
- Product Ion: 438.504
- Product Ion: 567.619
- Product Ion: 714.796
- Product Ion: 827.955
- Product Ion: 915.034

934

Score... ☐ Normalize Scores Clear Search Load Search Save Search

FIG. 20

1400

Results					
File					
All Ions				Graph	
Score	Precursor m/z	Z Est. Ratio	R.T. (min.)	Scan #'s	Ion
012.14	0515.08	0.57	76.82-76.89	2179-2181	Ion Series: 147.01--438.18--567.24
007.20	1028.40	0.02	76.95-77.03	2183-2185	Ion Series: 438.23--567.29--714.21
005.28	0560.65	0.41	71.47-71.54	2027-2029	Ion Series: 210.92--374.07--502.97
005.05	1057.21	0.69	121.76-121.84	3411-3413	Ion Series: 1398.32--1251.37--958.
003.55	1184.04	0.45	131.97-132.04	3687-3689	Ion Series: 1200.67--1328.62--149
003.46	0866.33	0.31	48.29-48.37	1371-1373	Ion Series: 382.23--510.10--673.86
003.44	0750.14	0.65	130.29-130.37	3639-3641	Ion Series: 315.33--606.91--736.05
003.38	0546.80	0.50	67.65-67.72	1919-1921	Ion Series: 359.22--506.33--619.16
003.33	1247.68	0.49	131.27-131.35	3667-3669	Ion Series: 1200.67--1328.67--149
003.20	0993.64	0.46	120.06-120.14	3367-3369	Ion Series: 814.40--1090.61--1203.
003.12	0423.89	0.61	61.85-61.92	1755-1757	Ion Series: 309.37--585.34--698.42
002.88	0717.59	0.02	40.22-40.29	1147-1149	Ion Series: 310.12--439.19--585.92
002.59	0934.75	0.53	79.67-79.75	2259-2261	Ion Series: 779.61--1055.60--1169.
002.56	0608.61	0.39	61.43-61.50	1743-1745	Ion Series: 544.40--691.54--804.47
002.38	0751.56	0.65	68.80-68.88	1951-1953	Ion Series: 416.42--544.88--707.75
002.37	0571.50	0.50	67.08-67.15	1903-1905	Ion Series: 463.28--610.34--723.38
002.32	1110.49	0.46	126.30-126.39	3531-3533	Ion Series: 1038.03--1201.36--133

FIG. 21